

**Amendments to the Claims:**

This Listing of Claims will replace all prior versions and listings of claims in the application. No new matter has been added.

**Listing of Claims:**

1. (Currently Amended) An optical information reproduction device, comprising:
  - an information recording medium that includes a recording unit having a multilayer structure of recording layers capable of recording information three-dimensionally and reproducing information recorded on one of the recording layers through any of the other recording layer or layers and provided with a track having a specific track pitch, with which information is recorded by forming a plurality of recording marks along the track of the recording unit by a mark length recording method, and when the track direction of the recording marks is assumed to be their longitudinal direction and the direction perpendicular to the track direction is assumed to be their lateral direction, for recording marks located substantially in the same plane, the total area of elongated recording marks, whose longitudinal length is greater than their lateral length, is greater than the total area of recording marks having other than elongated shapes;
  - a first semiconductor laser light source for emitting reproduction light having a wavelength  $\lambda_1$ ;
  - an objective lens for focusing the reproduction light emitted from the first semiconductor laser light source on the recording unit of the information recording medium; and
  - a first photodetector for detecting a reproduction signal from the reflected light from the recording unit,wherein the information recording medium has a track pitch of no more than 1.3 times the wavelength  $\lambda_1$  of the reproduction light, **and**  
the reproduction light is focused on a predetermined recording layer through the other recording layer, thereby reproducing information from the predetermined recording layer, and

~~positioning of the first semiconductor laser light source is adjusted to a predetermined condition, has a characteristic such that it emits the reproduction light in which an amplitude of a polarized light component that is polarized perpendicular to the track direction is greater than that of other polarized light components, or~~

an optical component is provided along the optical path between the first semiconductor laser light source and the objective lens so as to switch the state of polarization of the reproduction light emitted from the first semiconductor laser light source, whereby ~~when focused on the information recording medium, the reproduction light emitted includes as its main component the amplitude of a polarized light component of the reproduction light that is polarized perpendicular to the track direction of the information recording medium is caused to be greater than that of other polarized light components.~~

2. (Currently Amended) The optical information reproduction device according to Claim 1, wherein the polarized light component of the reproduction light focused on the recording unit is linearly polarized light that is polarized perpendicular to the track direction of the information recording medium.

3. (Currently Amended) The optical information reproduction device according to Claim 1, wherein the polarized light component of the reproduction light focused on the recording unit is elliptically polarized light whose main component is a polarized light component that is polarized perpendicular to the track direction of the information recording medium.

4-9. (Canceled)

10. (Currently Amended) The optical information reproduction device according to Claim 1, wherein the first light source further emits recording light with a wavelength of  $\lambda_2$ ,

the objective lens focuses the recording light on the ~~[[a]]~~ recording unit included in the information recording medium unit, and

the recording light focused on the recording unit includes as its main component the first semiconductor laser light source has a characteristic such that it emits the recording light in which an amplitude of a polarized light component that is polarized perpendicular to the track direction of the information recording medium is greater than that of other polarized light components, or

the optical component also functions so as to switch the state of polarization of the recording light emitted from the first semiconductor laser light source, whereby the amplitude of a polarized light component of the recording light that is polarized perpendicular to the track direction is caused to be greater than that of other polarized light components.

11. (Currently Amended) The optical information reproduction device according to Claim 1, wherein the first semiconductor laser light source further emits recording light with a wavelength of  $\lambda_2$ ,

the objective lens focuses the recording light on the  $[[a]]$  recording unit included in the information recording medium, and

the wavelength  $\lambda_1$  of the reproduction light is different from the wavelength  $\lambda_2[[,]]$  of the recording light, and

said optical information reproduction device further comprises  $[[an]]$  another optical component, located along the optical path between the first semiconductor laser light source and the objective lens, for switching between a polarization state of reproduction light emitted from the first semiconductor laser light source and a polarization state of recording light emitted from the first semiconductor laser light source or a second light source, and for utilizing this difference in wavelength so that the amplitude of a polarized light component of the reproduction light focused on the recording unit will include as its main component a polarized light component that is polarized perpendicular to the track direction of the recording unit will be greater than that of other polarized light components, and so that the recording light focused on the recording unit will be circularly polarized light.

12. (Currently Amended) The optical information reproduction device according to Claim 11, wherein the another optical component functions substantially as a  $\lambda_1/2$  integer multiple plate with respect to the reproduction light, and functions substantially as a  $\lambda_2/4$  plate with respect to the recording light.

13. (Previously Presented) The optical information reproduction device according to Claim 1, wherein the first semiconductor laser light source further emits recording light with a wavelength of  $\lambda_2$ , and  
the wavelength  $\lambda_1$  of the reproduction light is shorter than the wavelength  $\lambda_2$  of the recording light.

14. (Previously Presented) The optical information reproduction device according to Claim 1, wherein the first semiconductor laser light source further emits recording light with a wavelength of  $\lambda_2$ , and  
the recording light is pulsed light, and information is recorded by using nonlinear absorption.

15. (Original) The optical information reproduction device according to Claim 1, further comprising a pinhole plate that is disposed along the optical path between the information recording medium and the first photodetector, and has a pinhole that transmits light conveying target information included in the reflected light.

16. (Original) The optical information reproduction device according to Claim 1, wherein a surface area of a light-receiving component provided in the first photodetector is set to an area over which light conveying target information included in the reflected light is received.

17. (Original) The optical information reproduction device according to Claim 15, further comprising a second photodetector for detecting focus/track error signals, and a focus/track error signal detection element that is disposed along the optical path between

the information recording medium and the second photodetector, for splitting the reflected light,

wherein at least one of the beams split apart by the focus/track error signal detection element is guided to the second photodetector without passing through the pinhole.

18. (Original) The optical information reproduction device according to Claim 1, wherein the recording marks are voids.

19. (Original) The optical information reproduction device according to Claim 1, wherein the recording marks are recording pits produced by refractive index changes.

20. (New) The optical information reproduction device according to Claim 1, wherein the optical component functions substantially as a  $\lambda_1/2$  integer multiple plate with respect to the reproduction light.

21. (New) The optical information reproduction device according to Claim 1, further comprising a second semiconductor laser light source for emitting recording light with a wavelength of  $\lambda_2$ , wherein

the objective lens focuses the recording light on the recording unit included in the information recording medium, and

the second semiconductor laser light source has a characteristic such that it emits the recording light in which an amplitude of a polarized light component that is polarized perpendicular to the track direction is greater than that of other polarized light components, or

another optical component is provided along the optical path between the second semiconductor laser light source and the objective lens so as to switch the state of polarization of the recording light emitted from the second semiconductor laser light source, whereby the amplitude of a polarized light component of the recording light that is polarized perpendicular to the track direction is caused to be greater than that of other polarized light components.